| Index | of     | CI | ain   | ns |    |
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Application/Control No.

10/790,733 Examiner

Anh Q. Tran

Applicant(s)/Patent under Reexamination

CHEN ET AL.

Art Unit

2819

| <b>√</b> | Rejected |
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| _        | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla      | aim         |          |  | _  |          | Date            | е        | _        |                 |          | Clá             | im       |  |          |          | Dat    | В         |             |   | ]     | C     | aim      |   |  |                 |          | ate      | 3        |                |           |          |
|----------|-------------|----------|--|--|----------|-----------------|----------|----------|-----------------|----------|-----------------|----------|--|----------|----------|--------|-----------|-------------|---|-------|-------|----------|---|--|-----------------|----------|----------|----------|----------------|-----------|----------|
|          | <del></del> | 5        | -  |  |          |                 |          |          |                 |          |                 | _        |  |          |          |        |           |             |   | ::::  |       | -        |   |  |                 |          |          |          |                |           |          |
| Final    | Original    | 1        |  |  |          |                 |          |          |                 |          | Final           | Original |  |          |          |        |           |             |   |       | Final | Original |   |  |                 |          |          |          |                | - 1       |          |
| 证        | <u>Ĕ</u>    | 6        |  |  |          |                 |          |          |                 |          | i≣              | ř        |  |          |          |        |           | - }         |   |       | ίĒ    | Ĕ        |   |  |                 | ı        |          |          |                |           |          |
|          |             | 125      | L  |  |          |                 |          |          |                 |          |                 |          |  |          |          |        |           | l_          |   |       |       | ٥        |   |  |                 |          |          |          | ı              |           | ļ        |
|          | 1           | 1        |  |  |          |                 |          |          |                 |          |                 | 51       |  |          |          |        |           |             |   |       |       | 101      |   |  | 一               | $\Box$   |          |          |                | コ         |          |
|          | 2           | П        |  |  | L.       |                 |          |          |                 |          |                 | 52       |  |          | $\Box$   |        | П         |             |   |       |       | 102      |   | П  | ヿ               |          |          |          |                | ヿ         |          |
|          | 3           |          |  |  |          |                 |          |          |                 |          |                 | 53       |  |          |          | $\top$ | П         | Т           |   |       |       | 103      | : | П  | 一               |          |          |          |                | ヿ         |          |
|          | 4           | П        |  |  |          |                 |          |          |                 |          |                 | 54       |  |          |          |        | П         |             | T                                       | 1     |       | 104      | - | П  | $\Box$          |          |          |          |                | $\neg$    |          |
|          | 5           | П        |  |  |          |                 |          | П        |                 |          |                 | 55       | П  |          |          | 1      | П         |             | 1                                       |       |       | 105      |   | П  | 一               |          |          |          | $\neg$         | $\neg$    |          |
|          | 6           | П        |  |  |          |                 |          |          |                 |          |                 | 56       |  |          |          |        | П         |             |   | 1     |       | 106      |   | П  | $\neg \uparrow$ |          |          |          |                | $\neg$    |          |
|          | 7           | П        | ł  |  |          |                 |          | П        |                 |          |                 | 57       | П  |          | $\neg$   | Ī      | П         |             |   |       |       | 107      |   | П  |                 |          |          |          | $\neg$         | $\exists$ | _        |
|          | 8           | 17       |  |  |          |                 |          | П        |                 |          |                 | 58       |  |          | 1        | 1      | П         | $\neg$      |   |       |       | 108      |   | П  |                 |          |          |          | $\neg$         | $\neg$    |          |
|          | 9           | 0        | /  |  |          |                 |          | П        |                 |          |                 | 59       |  |          | T        | 1      | П         | $\neg$      |   |       |       | 109      |   | П  | ヿ               |          |          |          | $\neg$         | ヿ         | _        |
|          | 10          | 1        | 1  |  | Г        |                 |          | П        |                 |          |                 | 60       | M  |          |          |        |           | 1           |   |       |       | 110      |   | $\Box$   | _               |          |          |          | T              | $\dashv$  |          |
|          | 11          |          |  |  | Γ        |                 |          |          |                 |          |                 | 61       | П  | $\neg$   | $\top$   | T      | П         |             |   | 1     |       | 111      | Т | $\vdash$   | 7               |          | $\neg$   |          | $\dashv$       | $\dashv$  | $\neg$   |
|          | 12          |          |  |  | Г        |                 |          |          |                 |          |                 | 62       | П  | $\neg$   | $\top$   | Τ      | $\sqcap$  | $\neg$      | $\top$                                  | ::::  |       | 112      |   | $\Box$   | $\dashv$        | 一        | $\neg$   |          | _              | $\dashv$  | $\neg$   |
|          | 13          |          |  |  |          |                 | П        | П        | $\neg$          | $\neg$   |                 | 63       | П  | $\dashv$ | 十        | $\top$ |           | 十           | ┱                                       | 1     |       | 113      |   | $\vdash$   | 寸               |          | $\dashv$ | 一        | _              | $\dashv$  | $\dashv$ |
|          | 14          |          |  | Г  |          |                 |          |          | $\Box$          |          |                 | 64       | П  | $\neg$   | 十        |        | П         | 1           | 1                                       |       |       | 114      |   |  | 7               |          |          | $\neg$   | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 15          |          |  |  |          |                 |          |          |                 |          |                 | 65       | П  | $\dashv$ | 十        | 1      | П         |             | 1                                       | 1     | _     | 115      |   | $\sqcap$   | _               | _        | ┪        |          | $\dashv$       | 十         | $\neg$   |
|          | 16          |          |  | П  | Г        |                 |          | П        | $\neg \uparrow$ | $\neg$   |                 | 66       | П  | $\dashv$ | 1        |        | $\sqcap$  | 十           | $\neg$                                  |       |       | 116      |   |  | ┪               | $\dashv$ |          | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 17          | Г        |  |  | Γ        | П               |          | П        |                 |          |                 | 67       | П  | $\dashv$ | $\top$   |        | $\sqcap$  | 十           | $\top$                                  |       |       | 117      |   | $\vdash$   | 十               | $\dashv$ | $\dashv$ |          | $\dashv$       | $\dashv$  | ᅱ        |
|          | 18          |          | $\vdash$   |  |          | M               |          |          |                 | $\neg$   |                 | 68       | П  |          |          | $\top$ |           |             | -                                       | 1     |       | 118      | _ | Н  | $\dashv$        | _        | $\neg$   | -        | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 19          | Г        |  | Г  | 1        | П               |          |          |                 |          |                 | 69       | П  | $\neg$   | $\neg$   | +      |           |             | 十                                       | 1     |       | 119      | _ | <del>                                     </del> | -               | 寸        | $\neg$   | $\dashv$ | 十              | $\dashv$  | $\dashv$ |
|          | 20          |          |  | <b>-</b>   | $\vdash$ | П               |          | П        |                 |          |                 | 70       | H  | 7        | $\dashv$ | $\top$ | $\vdash$  | $\pm$       | +                                       |       |       | 120      | _ | $\vdash$   |                 | -        | ┪        | $\dashv$ | 十              | $\dashv$  | $\dashv$ |
|          | 21          |          |  |  |          |                 |          | П        | 寸               |          |                 | 71       | M  | $\neg$   |          |        | $\vdash$  | $\neg$      |   |       |       | 121      |   | $\vdash$   | $\dashv$        | $\dashv$ | $\neg$   |          | 十              | $\dashv$  |          |
|          | 22          |          |  | $\vdash$   | Τ        | T               |          | П        |                 |          |                 | 72       | I  | $\dashv$ | _        | +      | $\vdash$  | 十           |   |       |       | 122      |   | $\vdash$   | 7               | $\dashv$ | _        | _        | $\dashv$       | 十         | $\dashv$ |
|          | 23          |          |  |  | $\vdash$ | T               | П        |          |                 | $\neg$   |                 | 73       | tП   | 一        | $\top$   | $\top$ | $\vdash$  | _           | +                                       |       |       | 123      |   | $\vdash$   | +               | 寸        | $\dashv$ | $\dashv$ | 十              | $\dashv$  | $\dashv$ |
|          | 24          |          | İ  | <b>-</b>   |          | П               |          | П        | $\neg$          | $\neg$   |                 | 74       | t  | $\dashv$ | _        | +      | $\vdash$  | _           | +                                       |       |       | 124      |   | $\vdash$   | ┪               | _        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 25          | $\vdash$ |  |  | t        |                 |          |          | 寸               | $\neg$   |                 | 75       | Н  | $\top$   |          | ╅      | -         | _           | +                                       |       |       | 125      |   | <del>                                     </del> | ┪               | $\dashv$ | $\dashv$ | _        | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 26          | 1        | T  |  | T        |                 |          |          | 寸               | $\neg$   | $\vdash$        | 76       | $\Box$   | $\neg$   | 十        | +      |           | _           | +-                                      | 1     |       | 126      |   | $\vdash$   | +               | ᅥ        |          | -        | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 27          |          |  |  | T        |                 |          |          | ヿ               | $\neg$   |                 | 77       |  |          |          | 1      | H         | $\dashv$    | $\top$                                  |       |       | 127      |   |  | 十               | $\dashv$ |          | $\dashv$ | $\neg \dagger$ | 十         | $\dashv$ |
|          | 28          |          |  |  | Γ        |                 |          |          |                 | $\neg$   | _               | 78       | П  | _        |          | T      | $\vdash$  | $\dashv$    | $\top$                                  |       |       | 128      |   |  | 7               | $\dashv$ | -        | ┪        | $\dashv$       | 十         | $\dashv$ |
|          | 29          |          |  | T  | †        | П               |          | $\Box$   |                 | ヿ        | -               | 79       | П  | $\dashv$ | $\top$   | 1      | +         | $\top$      | _                                       |       |       | 129      |   |  | _               | -        | $\dashv$ |          | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 30          | _        |  |  | 1        | П               | П        |          | $\dashv$        | _        |                 | 80       | H  | _        | $\dashv$ | $\top$ | -         | $\dashv$    | +-                                      |       |       | 130      |   | ╂╼╌┼   | $\dashv$        | -        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 31          |          |  | Г  |          |                 | Н        |          | T               | $\dashv$ | $\vdash$        | 81       | 1  |          | _        | +      | $\vdash$  | <del></del> | +                                       |       |       | 131      |   | ╂═┼  | $\dashv$        | ┪        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 32          | Г        | T  | $\vdash$   | T        | H               |          | H        | $\dashv$        | $\dashv$ | $\Box$          | 82       | Н  | $\dashv$ | $\dashv$ | +      | $\dashv$  | _           | +                                       |       |       | 132      | _ | $\vdash \vdash$                                  | $\dashv$        |          |          | ᅱ        | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 33          |          |  |  | Г        | П               | H        | $\Box$   |                 | $\dashv$ |                 | 83       | Н  | $\dashv$ | +        | +      | $\forall$ | -           | -                                       |       |       | 133      |   | $\vdash \vdash$                                  | -               | $\dashv$ | $\dashv$ | -        | $\dashv$       | $\dashv$  | ᅱ        |
|          | 34          |          | T  | Г  |          | П               | $\vdash$ | $\Box$   | $\dashv$        | $\neg$   |                 | 84       | $\vdash$   | $\dashv$ | +-       | +-     | $\dashv$  | $\dashv$    | $\dashv$                                |       |       | 134      | _ | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | ᅱ        |
|          | 35          |          | Г  | Г  | П        | П               |          | $\Box$   | $\neg$          |          |                 | 85       | П  | 一        | +        | +-     | $\vdash$  | +           | -                                       |       |       | 135      | - | $\vdash$   | $\dashv$        | +        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 36          | Г        |  |  | Г        | Н               | $\vdash$ |          | _               |          |                 | 86       | $\vdash$   | $\dashv$ | +        | †      | $\vdash$  | +           | +                                       |       |       | 136      | _ | $\vdash$   |                 | +        | ᆉ        | $\dashv$ | $\dashv$       | $\dashv$  | ᅥ        |
|          | 37          |          |  | <del>                                     </del> | Г        | T               | $\vdash$ | $\Box$   | $\neg$          | _        |                 | 87       | ╁┤   | $\dashv$ | +        | +-     | $\forall$ | -           | +                                       |       |       | 137      | _ | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | ᅱ        |
|          | 38          |          |  | $\vdash$   | Г        | H               | $\vdash$ |          | $\dashv$        |          |                 | 88       | ┝┤   | $\dashv$ | +        | +-     | $\dashv$  | -+          | +                                       |       |       | 138      | _ | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | ᅱ        |
|          | 39          |          |  |  | Г        | Н               | $\vdash$ |          | +               |          | $\vdash$        | 89       | Н  | $\dashv$ | $\dashv$ | +      | $\vdash$  | +           | +                                       |       |       | 139      | _ | $\vdash$   | $\dashv$        | -        | $\dashv$ | -+       | +              | $\dashv$  | $\dashv$ |
|          | 40          | Г        | T  |  |          | Н               | $\Box$   | -        | 7               |          |                 | 90       | H  | $\dashv$ | $\dashv$ | +      | $\vdash$  | $\dashv$    |   |       |       | 140      |   | $\vdash \vdash$                                  | $\dashv$        | ┪        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 41          | Г        | T  | Г  |          | П               | $\dashv$ | $\dashv$ | 十               | $\dashv$ |                 | 91       | $\vdash$   | _        | +        | +      | $\vdash$  | +           | +                                       |       |       | 141      |   | $\vdash \vdash$                                  | $\dashv$        | $\dashv$ | -        | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 42          |          | <del>                                     </del> | T -  | ऻऻ       | $\Box$          | $\vdash$ | 1        | 寸               | $\dashv$ |                 | 92       | $\vdash$   | $\dashv$ | +        | +      | $\dashv$  | +           | +                                       |       |       | 142      |   | $\vdash \vdash$                                  | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$ |
| Г        | 43          |          | Г  | İ  | Г        | Н               |          | $\Box$   | 十               | $\dashv$ |                 | 93       | ┢═┪  | 十        | $\dashv$ | +-     | $\dashv$  | +           | +                                       |       | ,     | 143      |   | $\vdash$   | ┪               | -        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | ᅱ        |
|          | 44          | 1        | $\vdash$   |  | Т        | H               | H        | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$        | 94       | $\vdash$   | $\dashv$ | $\dashv$ | +      | $\dashv$  | +           | +                                       |       |       | 144      | - | $\vdash$   | $\dashv$        | -1       | $\dashv$ | $\dashv$ | $\dashv$       | +         | $\dashv$ |
|          | 45          | _        |  |  | T        | Н               | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ |                 | 95       | $\vdash$   | $\dashv$ | _        | +      | $\dashv$  | +           | +                                       |       |       | 145      | _ | $\vdash$   | ┰               |          | -        | -        | $\dashv$       | $\dashv$  | $\dashv$ |
|          | 46          |          | П  | <u> </u>   | <b>—</b> | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash \dashv$ | 96       | <del>                                     </del> | $\dashv$ | $\dashv$ | +      | -+        | $\dashv$    | +                                       |       |       | 146      |   | $\vdash$   | +               | $\dashv$ | $\dashv$ | $\dashv$ | +              | +         | ᅱ        |
|          | 47          | -        |  |  |          | $\vdash$        | $\dashv$ | -        | 十               | $\dashv$ |                 | 97       | $\vdash$   | ┰        | +        | +      | $\dashv$  | -+-         | $\dashv \dashv$                         |       |       | 147      |   | $\vdash$   | $\dashv$        | $\dashv$ | -        | $\dashv$ | +              | $\dashv$  | $\dashv$ |
|          | 48          |          | $\vdash$   | <del>                                     </del> | H        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | <del> </del>    | -        | $\vdash$        | 98       | $\vdash \dashv$                                  | $\dashv$ | +-       | +-     | $\dashv$  | $\dashv$    | +                                       |       |       | 148      | - | $\vdash$   | +               | $\dashv$ | $\dashv$ | -        | +              | +         | ᅱ        |
| $\vdash$ | 49          |          | $\vdash$   | -  | Н        | $\vdash \vdash$ | $\dashv$ | _        | +               | $\dashv$ | $\vdash$        | 99       | H  | $\dashv$ | +        | +      | +         | $\dashv$    | +                                       |       |       | 149      |   | $\vdash$   | $\dashv$        | +        | -+       | -+       | +              | $\dashv$  | ᅱ        |
| $\Box$   | 50          | _        | $\vdash$   | $\vdash$   | Н        | $\vdash \vdash$ |          | $\dashv$ | $\dashv$        | $\dashv$ |                 | 100      | H  | $\dashv$ | +        | +      | $\dashv$  |             | +                                       |       |       | 150      |   | +  | $\dashv$        | $\dashv$ | $\dashv$ | -+       | $\dashv$       | +         | ⊣        |
| ——       | 50          | L        |  | L  |          | ш               |          |          |                 |          | <br>            | 100      |  | _1       |          | $\bot$ |           |             | لــــــــــــــــــــــــــــــــــــــ | ::::: |       | LIOU     |   |  |                 |          |          | ]        | _1             | - 1       | - 1      |